

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                              |   |   |
|------------------------------|---|---|
| In re Application of:        | § |   |
| HWANG, et al.                | § |   |
|                              | § | Group Art Unit: 1646                    |
| Serial No.: 10/612,594       | § |   |
|                              | § |   |
| Confirmation No.: 3435       | § |   |
|                              | § | Examiner: Elizabeth C. Kemmerer, Ph. D. |
| Filed: July 1, 2003          | § |   |
|                              | § |   |
| For: EXPRESSION OF ZEBRAFISH | § |   |
| BONE MORPHOGENETIC           | § |   |
| PROTEIN 4                    | § |   |

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**RESPONSE TO OFFICE ACTION DATED JULY 31, 2006**

In response to the Office Action dated July 31, 2006, having a shortened statutory period for response set to expire on October 31, 2006, please enter this response and reconsider the claims pending in the application for the reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/ACAD/0002/JYC, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Specification** begin on page 2 of this paper. **Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper. **Remarks** begin on page 6 of this paper